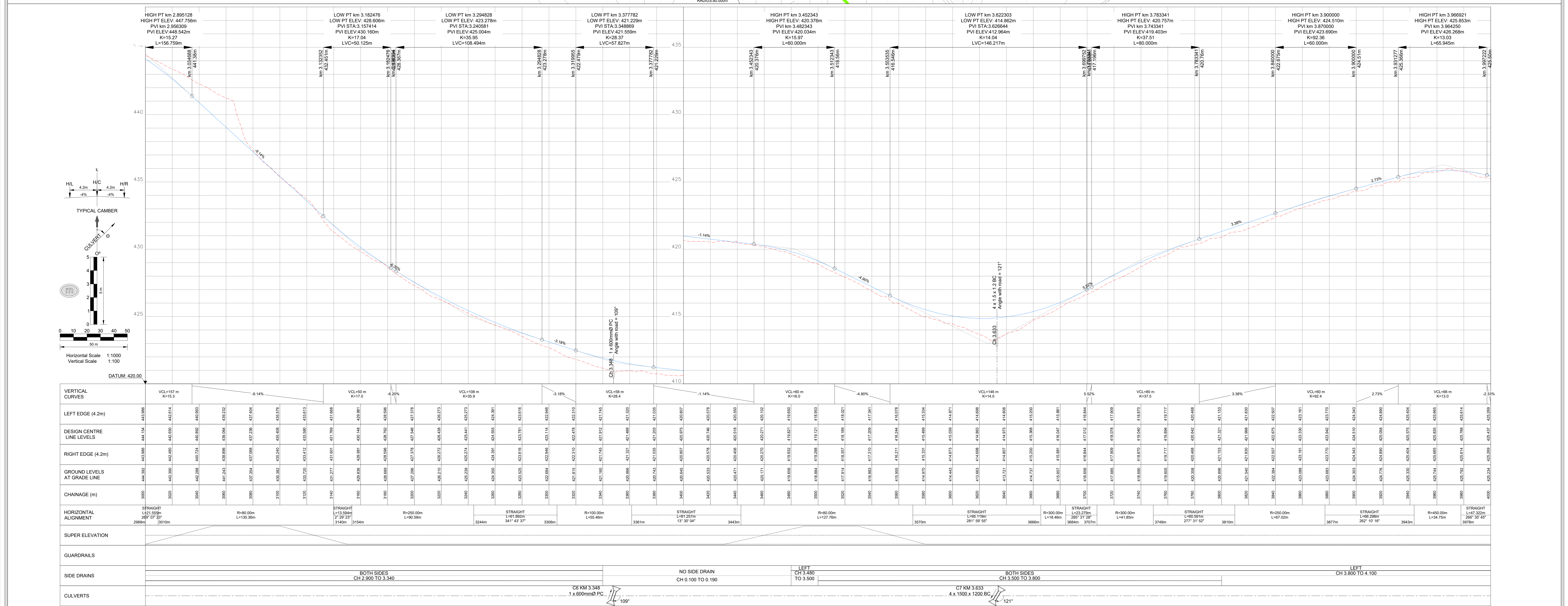


STORMWATER SETTING OUT DATA		
NODE	Y-COORDINATES	X-COORDINATES
C6 - LEFT	4927.123	2562320.383
C6 - RIGHT	4927.006	2562315.785
C7 - LEFT	4816.852	2562515.784
C7 - RIGHT	4825.095	2562524.778

PREVIOUS LONGSECTION  
CH 2+000 TO CH 3+000

NEXT LONGSECTION  
CH 4+000 TO CH 5+000



VERTICAL CURVES	VCL=157 m K=15.3	VCL=50 m K=17.0	VCL=108 m K=35.9	VCL=58 m K=28.4	VCL=80 m K=18.0	VCL=148 m K=14.0	VCL=80 m K=37.5	VCL=60 m K=92.4	VCL=66 m K=13.0																
LEFT EDGE (4.2m)	441.154	442.614	443.993	445.278	446.562	447.846	449.130	450.414	451.698																
DESIGN CENTRE LINE LEVELS	442.614	444.074	445.534	446.994	448.454	449.914	451.374	452.834	454.294																
RIGHT EDGE (4.2m)	443.993	445.453	446.913	448.373	449.833	451.293	452.753	454.213	455.673																
GROUND LEVELS AT GRADE LINE	441.154	442.614	444.074	445.534	446.994	448.454	449.914	451.374	452.834																
CHAINAGE (m)	3000	3150	3300	3450	3600	3750	3900	4050	4200																
HORIZONTAL ALIGNMENT	STRAIGHT L=156.759m 266° 07' 23"	R=80.00m L=130.36m	STRAIGHT L=13.946m 2° 29' 23"	R=250.00m L=90.99m	STRAIGHT L=81.262m 12° 30' 04"	R=100.00m L=55.46m	STRAIGHT L=95.119m 28° 51' 28"	R=300.00m L=18.46m	STRAIGHT L=80.000m 366° 46'	R=300.00m L=41.85m	STRAIGHT L=85.945m 266° 35' 45"	R=250.00m L=67.02m	STRAIGHT L=66.000m 202° 10' 18"	R=450.00m L=34.75m	STRAIGHT L=41.320m 266° 35' 45"										
SUPER ELEVATION																									
GUARDRAILS																									
SIDE DRAINS	BOTH SIDES CH 2.900 TO 3.340					NO SIDE DRAIN CH 0.100 TO 0.190					LEFT CH 3.480 TO 3.500					BOTH SIDES CH 3.500 TO 3.800					LEFT CH 3.800 TO 4.100				
CULVERTS																									

(REF FOLDER: X:02 PROJECTS\3000\3500 - 3599\N357EN - SHANGONI ROAD KNP\1 DESIGN PHASE\F DRAWINGS\TENDER\ROADS\EN3587R301-038.DWG)

**TECHNICAL SERVICES DEPARTMENT**  
**KRUGER NATIONAL PARK**  
 DRAWING OFFICE (KNP)  
 Tel:(013) 735 3448

**DESIGNED BY** A.J. NEL  
**CHECKED BY** C.J. SMIT  
**DRAWN BY** J. VAN DYK  
**CHECKED BY** C.J. SMIT

**APPROVED BY**  
 SEN. MAN. CIVIL & BUILDING  
 SEN. MAN. ELECTRO & MECHANICAL  
 SEN. MAN. ROADS & MAINTENANCE  
 MAN. PLANNING & DESIGN

**CLIENT**  
 DATE:

**SERVICE**  
**ROADS**  
 FOR TENDER PURPOSES

**PROJECT**  
**SHANGONI ROAD PH 1**

**TITLE**  
**ROADS - LONGSECTION:**  
**CH-3+000 TO CH-4+000**

**DATE**  
 APRIL 2024

**SCALE**  
 1:1000

**CAD FILE NAME**  
 EN3587R301-038.dwg

**CONSULTANT DWG. NO.**  
**EN/3587/R/3/005**

**CLIENT DWG. NO.**  
**P09/R/3/005**

**SCALE REF. METRE**